

## Author Index

- Agbayani, R.F., Baliao, D.D., Samonte, G.P.B., Tumaliuan, R.E. and Caturao, R.D.  
(Iloilo City, Philippines)  
Economic feasibility analysis of the monoculture of mudcrab (*Scylla serrata*) Forsskal 223
- Allan, G.L., Maguire, G.B. and Hopkins, S.J. (Salamander Bay, N.S.W., Australia)  
Acute and chronic toxicity of ammonia to juvenile *Metapenaeus macleayi* and *Penaeus monodon* and the influence of low dissolved-oxygen levels ..... 265
- Avella, M. (Corvallis, OR, USA), Young, G. (Berkeley, CA, USA), Prunet, P. (Rennes, France) and Schreck, C.B. (Corvallis, OR, USA)  
Plasma prolactin and cortisol concentrations during salinity challenges of coho salmon (*Oncorhynchus kisutch*) at smolt and post-smolt stages ..... 359
- Balaban, M., see Peplow, A. et al.
- Baliao, D.D., see Agbayani, R.F. et al.
- Barker, G.A., Smith, S.N. (Birmingham, Great Britain) and Bromage, N.R. (Stirling, Great Britain)  
Effect of oxolinic acid on bacterial flora and hatching success rate of rainbow trout, *Oncorhynchus mykiss*, eggs ..... 205
- Bass, P., see Eda, H. et al.
- Baticados, M.C.L., see Lavilla-Pitogo, C.R. et al.
- Bjerkeng, B. (Trondheim, Norway), Storebakken, T. (Sunnødal, Norway) and Liaaen-Jensen, S. (Trondheim, Norway)  
Response to carotenoids by rainbow trout in the sea: resorption and metabolism of dietary astaxanthin and canthaxanthin ..... 153
- Boromthananarat, S., see Deslous-Paoli, J.M. et al.
- Boromthananarat, W., see Deslous-Paoli, J.M. et al.
- Breton, B., Weil, C., Sambroni, E. (Rennes, France) and Zohar, Y. (Eilat, Israel)  
Effects of acute versus sustained administration of GnRHa on GtH release and ovulation in the rainbow trout, *Oncorhynchus mykiss* ..... 373
- Bromage, N.R., see Barker, G.A. et al.
- Canals, P., see Planas, J. et al.
- Carrillo, M., see Planas, J. et al.
- Caturao, R.D., see Agbayani, R.F. et al.
- Chang, C.-F. and Yuch, W.-S. (Keelung, Taiwan)  
Annual cycle of gonadal histology and steroid profiles in the juvenile males and adult females of the protandrous black porgy, *Acanthopagrus schlegelii* ..... 179
- Chen, L., see Cheng, C.S. and Chen, L.
- Cheng, C.S. (Tung Kang, Taiwan) and Chen, L. (San Diego, CA, USA)  
Growth characteristics and relationships among body length, body weight and tail weight of *Penaeus monodon* from a culture environment in Taiwan ..... 253
- Cruz-Lacierda, E.R., see Lavilla-Pitogo, C.R. et al.
- Dabrowski, K., El-Fiky, N., Köck, G. (Innsbruck, Austria), Frigg, M. (Basel, Switzerland) and Wieser, W. (Innsbruck, Austria)  
Requirement and utilization of ascorbic acid and ascorbic sulfate in juvenile rainbow trout ..... 317

Davis, K.B. (Memphis, TN, USA) and Parker, N.C. (Marion, AL, USA) Physiological stress in striped bass: effect of acclimation temperature .....	349
De la Pena, L.D., <i>see</i> Lavilla-Pitogo, C.R. et al.	
Deslous-Paoli, J.M. (Sète, France), Boromthananat, S. (Songkla, Thailand), Héral, M. (La Tremblade, France), Boromthananat, W. (Songkla, Thailand) and Razet, D. (La Tremblade, France) Energy budget of a <i>Mytilus edulis</i> L. population during its first year on bouchots in the bay of Marennes-Oléron .....	49
Dioundick, O.B. and Stom, D.I. (Irkutsk, USSR) Effects of dietary $\alpha$ -cellulose levels on the juvenile tilapia, <i>Oreochromis mossambicus</i> (Peters) .....	311
Donaldson, E.M., <i>see</i> McLean, E. et al.	
Dye, H.M., <i>see</i> McLean, E. et al.	
Eastham, B., <i>see</i> Eda, H. et al.	
Eda, H., Murashige, R. (Honolulu, HI, USA), Oozeki, Y. (Miyagi, Japan), Hagiwara, A. (Nagasaki, Japan), Eastham, B., Bass, P., Tamaru, C.S. and Lee, C.-S. (Honolulu, HI, USA) Factors affecting intensive larval rearing of striped mullet, <i>Mugil cephalus</i> .....	281
El-Fiky, N., <i>see</i> Dabrowski, K. et al.	
Fernandez, J., <i>see</i> Planas, J. et al.	
Friezlander, O., <i>see</i> Koven, W.M. et al.	
Frigg, M., <i>see</i> Dabrowski, K. et al.	
Galai, N., <i>see</i> Lubzens, E. et al.	
Gutierrez, J., <i>see</i> Planas, J. et al.	
Hagiwara, A., <i>see</i> Eda, H. et al.	
Harel, M., <i>see</i> Koven, W.M. et al.	
Hendriks, H.G.C.J.M., Van den Ingh, T.S.G.A.M. (Utrecht, Netherlands), Krogdahl, Å., Olli, J. (Ås, Norway) and Koninkx, J.F.J.G. (Utrecht, Netherlands) Binding of soybean agglutinin to small intestinal brush border membranes and brush border membrane enzyme activities in Atlantic salmon ( <i>Salmo salar</i> ) .....	163
Héral, M., <i>see</i> Deslous-Paoli, J.M. et al.	
Hopkins, S.J., <i>see</i> Allan, G.L. et al.	
Hua, D., <i>see</i> Zhu, Y. et al.	
Huang, S.-L., <i>see</i> Shiau, S.-Y. and Huang, S.-L.	
Kissil, G.Wm., <i>see</i> Koven, W.M. et al.	
Köck, G., <i>see</i> Dabrowski, K. et al.	
Kolodny, G., <i>see</i> Lubzens, E. et al.	
Koninkx, J.F.J.G., <i>see</i> Hendriks, H.G.C.J.M. et al.	
Koven, W.M., Tandler, A., Kissil, G.Wm. (Eilat, Israel), Sklan, D. (Rehovot, Israel), Friezlander, O. and Harel, M. (Eilat, Israel) The effect of dietary ( $n-3$ ) polyunsaturated fatty acids on growth, survival and swim bladder development in <i>Sparus aurata</i> larvae .....	131
Krogdahl, Å., <i>see</i> Hendriks, H.G.C.J.M. et al.	
Kurokura, H., <i>see</i> Toledo, J.D. and Kurokura, H.	
Lavilla-Pitogo, C.R., Baticados, M.C.L., Cruz-Lacierda, E.R. and De la Pena, L.D. (Iloilo, Philippines) Occurrence of luminous bacterial disease of <i>Penaeus monodon</i> larvae in the Philippines .....	1
Leak, F., <i>see</i> Peplow, A. et al.	
Lee, C.-S., <i>see</i> Eda, H. et al.	
Liaaen-Jensen, S., <i>see</i> Bjerkeng, B. et al.	

- Lubzens, E., Kolodny, G., Perry, B. (Haifa, Israel), Galai, N., Sheshinski, R. and Wax, Y. (Jerusalem, Israel)  
 Factors affecting survival of rotifers (*Brachionus plicatilis* O.F. Müller) at 4°C ..... 23
- Maguire, G.B., see Allan, G.L. et al.
- Martinez-Palacios, C.A. (Merida, Mexico), Ross, L.G. (Stirling, Great Britain) and Rosado-Vallado, M. (Merida, Mexico)  
 The effects of salinity on the survival and growth of juvenile *Cichlasoma urophthalmus* 65
- Mathias, J.A., see Zhu, Y. et al.
- McLean, E., Donaldson, E.M., Dye, H.M. (West Vancouver, B.C., Canada) and Souza, L.M. (Thousand Oaks, CA, USA)  
 Growth acceleration of coho salmon (*Oncorhynchus kisutch*) following oral administration of recombinant bovine somatotropin ..... 197
- Møllergaard, S. (Frederiksberg, Denmark)  
 Mebendazole treatment against *Pseudodactylogyrus* infections in eel (*Anguilla anguilla*) ..... 15
- Moksness, E. (His, Norway)  
 Weaning of wild-caught common wolffish (*Anarhichas lupus*) larvae ..... 77
- Murashige, R., see Eda, H. et al.
- Olli, J., see Hendriks, H.G.C.J.M. et al.
- Oozeki, Y., see Eda, H. et al.
- Parker, N.C., see Davis, K.B. and Parker, N.C.
- Peplow, A., Balaban, M. and Leak, F. (Gainesville, FL, USA)  
 Lipid composition of fat trimmings from farm-raised alligator ..... 339
- Perry, B., see Lubzens, E. et al.
- Planas, J., Gutierrez, J., Fernandez, J. (Barcelona, Spain), Carrillo, M. (Castellón, Spain) and Canals, P. (Barcelona, Spain)  
 Annual and daily variations of plasma cortisol in sea bass, *Dicentrarchus labrax* L. .... 171
- Prunet, P., see Avella, M. et al.
- Rana, K.J. (Stirling, Great Britain)  
 The influence of maternal age and delayed initial feeding on the survival and growth of previously unfed *O. niloticus* (L.) and *O. mossambicus* (Peters) fry ..... 295
- Razet, D., see Deslous-Paoli, J.M. et al.
- Rosado-Vallado, M., see Martinez-Palacios, C.A. et al.
- Rösch, R. (Langenargen, Federal Republic of Germany) and Segner, H. (Karlsruhe, Federal Republic of Germany)  
 Development of dry food for larvae of *Coregonus lavaretus* L. I. Growth, food digestion and fat absorption ..... 101
- Rösch, R., see also Segner, H. and Rösch, R.
- Ross, L.G., see Martinez-Palacios, C.A. et al.
- Sambroni, E., see Breton, B. et al.
- Samonte, G.P.B., see Agbayani, R.F. et al.
- Schreck, C.B., see Avella, M. et al.
- Segner, H. (Karlsruhe, Federal Republic of Germany) and Rösch, R. (Langenargen, Federal Republic of Germany)  
 Development of dry food for larvae of *Coregonus lavaretus* L. II. Liver histology ..... 117
- Segner, H., see also Rösch, R. and Segner, H.
- Sheshinski, R., see Lubzens, E. et al.
- Shiau, S.-Y. and Huang, S.-L. (Keelung, Taiwan)  
 Influence of varying energy levels with two protein concentrations in diets for hybrid tilapia (*Oreochromis niloticus* × *O. aureus*) reared in seawater ..... 143
- Sklan, D., see Koven, W.M. et al.

- Smith, S.N., *see* Barker, G.A. et al.  
 Souza, L.M., *see* McLean, E. et al.  
 Stom, D.I., *see* Dioundick, O.B. and Stom, D.I.  
 Storebakken, T., *see* Bjerkeng, B. et al.  
 Szumiec, M.A. (Chybie, Poland)  
     Stochastic model of carp fingerling growth ..... 87  
 Tamaru, C.S., *see* Eda, H. et al.  
 Tandler, A., *see* Koven, W.M. et al.  
 Toledo, J.D. (Iloilo City, Philippines) and Kurokura, H. (Shizuoka, Japan)  
     Cryopreservation of the euryhaline rotifer *Brachionus plicatilis* embryos ..... 385  
 Tumaliuan, R.E., *see* Agbayani, R.F. et al.  
 Van den Ingh, T.S.G.A.M., *see* Hendriks, H.G.C.J.M. et al.  
 Wan, J., *see* Zhu, Y. et al.  
 Wax, Y., *see* Lubzens, E. et al.  
 Weil, C., *see* Breton, B. et al.  
 Wieser, W., *see* Dabrowski, K. et al.  
 Yang, Y., *see* Zhu, Y. et al.  
 Young, G., *see* Avella, M. et al.  
 Yueh, W.-S., *see* Chang, C.-F. and Yueh, W.-S.  
 Zhu, Y., Yang, Y., Wan, J., Hua, D. (Wuxi, China) and Mathias, J.A. (Winnipeg, Man., Canada)  
     The effect of manure application rate and frequency upon fish yield in integrated fish farm ponds ..... 233  
 Zohar, Y., *see* Breton, B. et al.

